

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ms. Julie Reed (reg. no 35,349) on May 25, 2010.

The application has been amended as follows:

*In the Claims:*

**Cancel** claims 10-12, 27-28, 37, 41 and 46

**Amend** claims 1, 3 and 30 according to the following:

Claim 1, line 7, change "each" to "one of the"

Claim 1, line 8, change "portion" to "portions"

Claim 1, line 8, change "center" to "first center"

Claim 1, line 8, change "that lies" to "located"

Claim 1, line 9, change "an" to "a first"

Claim 1, line 9, change "on one" to "positioned on a first lateral"

Claim 1, lines 9-10, change "with each curved portion centered over the imaginary light point source on each side" to "and the other one of the curved portions is centered about a radius R extending from a second center point located directly above a second imaginary light point source positioned on a second lateral side of the LED"

Claim 1, line 11, change "lens" to "curved portion"

Claim 3, line 1, delete "offset"

Claim 30, line 4, change "a curved portion" to "at least two curved portions separated by a flat portion"

Claim 30, delete lines 6-7

Claim 30, line 10, change "each curved portion" to "one of the curved portions"

Claim 30, line 10, change "center" to "first center"

Claim 30, line 11, change "an" to "a first"

Claim 30, line 11, change "on each one" to "positioned on a first lateral"

Claim 30, lines 12-13, change "with each curved portion centered over the imaginary light point source on each side so that each curved portion is effectively a plano-convex lens centered over a" to "and the other one of the curved portions is centered about a radius R extending from a second center point located directly above a second imaginary light point source positioned on a second lateral"

***Allowable Subject Matter***

2. **Claims 1-9, 30, 32-36, 38-40 and 43-45** are allowed.

3. The following is an examiner's statement of reasons for allowance:

Regarding claim 1, the prior art of record neither anticipates nor renders obvious the collective limitations of the claim, including a lens array comprising multiple lenses in a monolithic structure for collecting light from an array of multiple LED light sources; wherein for each LED light source there is a lens having a first surface with a compound shape of at least two curved portions separated by a flat portion that is distributable

Art Unit: 2875

around the LED light source, wherein one of the curved portions is centered about a radius  $R$  extending from a first center point located directly above a first imaginary light point source positioned on a first lateral side of the LED and the other one of the curved portions is centered about a radius  $R$  extending from a second center point located directly above a second imaginary light point source positioned on a second lateral side of the LED. Claims 2-9 and 43-45 are allowable in that they are dependent on and further limit claim 1.

Regarding claim 30, the prior art of record neither anticipates nor renders obvious the collective limitations of the claim, including a method of manufacturing an LED light module comprising determining a configuration for an array of lenses so that there is a separate lens for each LED, wherein each lens has a first surface having a compound shape including at least two curved portions separated by a flat portion that is distributed around an LED, wherein one of the curved portions is centered about a radius  $R$  extending from a first center point located directly above a first imaginary light point source positioned on a first lateral side of the LED and the other one of the curved portions is centered about a radius  $R$  extending from a second center point located directly above a second imaginary light point source positioned on a second lateral side of the LED. Claims 32-36 and 38-40 are allowable in that they are dependent on and further limit claim 30.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

Art Unit: 2875

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SEAN P. GRAMLING whose telephone number is (571)272-9082. The examiner can normally be reached on MONDAY-FRIDAY 7:30 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on (571) 272-2378. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2875

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/SPG/

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